

## Polyolefin Heat-Shrink Tubing

# FITCOTUBE® FT-SNH-U

FITCOTUBE®FT-SNH-U is a heavy wall, flexible tube made of radiation cross-linked polyolefin (semi-rigid). It offers excellent insulation, mechanical protection and sealing of low voltage power cable joints and terminations.

<b>Operating temperature:</b>	-55°C to +110°C
<b>Shrink temperature:</b>	+125°C (min. full recovery)
<b>Shrink ratio:</b>	3:1, 4:1
<b>Standard colors:</b>	Black, other colors on request



Description	Dimensions (mm)*		Wall Thickness (mm)** (nom.)
	As supplied (min.)	After recovery (max.)	After full recovery
FT-SNH-U-9/3	9	4	1.8
FT-SNH-U-12/4	12	5	1.8
FT-SNH-U-16/5	16	5	2.3
FT-SNH-U-19/6	19	6	2.6
FT-SNH-U-22/6	22	6	2.6
FT-SNH-U-25/8	25	8	2.8
FT-SNH-U-28/6	28	6	3.3
FT-SNH-U-33/8	33	8	3.3
FT-SNH-U-35/12	35	12	3.5
FT-SNH-U-40/12	40	12	3.5
FT-SNH-U-45/13	45	13	3.6
FT-SNH-U-55/16	54	16	3.6
FT-SNH-U-65/19	65	19	3.6
FT-SNH-U-75/22	75	22	3.6
FT-SNH-U-85/25	85	25	3.6
FT-SNH-U-95/25	95	25	3.6
FT-SNH-U-105/30	105	30	3.6
FT-SNH-U-115/34	115	34	3.7
FT-SNH-U-130/36	130	36	3.8

\*Further dimensions on request

\*\* Wall thickness will be less if tubing recovery is restricted during shrinkage

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**Packaging:** 1.22 meter-lengths as standard. Cut lengths on request.

Properties	Test Method	Value
<b>Mechanical</b>		
Tensile Strength	ASTM D2671	≥ 12MPa
Ultimate Elongation	ASTM D2671	≥ 300%
<b>After Heat Ageing (136°C/168 hours)</b>		
Tensile Strength	ASTM D2671	≥ 10MPa
Ultimate Elongation	ASTM D2671	≥200%
Water Absorption (23°C/24h)	ASTM D2671	≤ 0.5%
Low Temperature Flexibility (-55°C / 4hrs)	ASTM D2671	No Cracking
Heat Shock (200°C / 4hours)	ASTM D2671	No cracking, no dripping, no flowing
<b>Electrical</b>		
Volume Resistivity	ASTM D2671	≥1.0x10 <sup>14</sup> Ω x cm
Dielectric Strength	ASTM D2671	≥15kV/mm
Voltage class		1kV ~ 36kV
<b>Chemical</b>		
Copper Corrosion	ASTM D2671	No Corrosion